

WHAT IS CLAIMED IS:

1. A container/cover assembly for containing a liquid substance and which provides protection against a toddler drowning as a result of falling into the container when its cover has been removed, said assembly comprising:

a container having an open top end and a closed bottom end defined by a side wall and a bottom wall formed integral with the side wall, said bottom wall being characterized by an annular protuberance concentric with said side wall and surrounding a recessed section of said bottom wall, said annular protuberance having a curved cross-section that is a curved extension of said side wall; and

a cover for closing off said open top end of said container, said cover being characterized by a rim portion and a central body portion surrounded by said rim portion, said rim portion being adapted to make a locking connection with said side wall of said container, and said central body portion being characterized by an annular depression having a curved cross-section such that said annular protuberance of another like container will make a close fit in said depression.

2. A container/cover assembly according to claim 1 wherein said rim comprises a top section that projects above the level of said central body portion and a peripheral skirt section that extends below the level of said central body portion.

3. A container/cover assembly according to claim 2 wherein said side wall has an outer surface and a circumferential radial projection on said outer surface, and further wherein said skirt has an inner surface and means on said inner surface for making a snap locking connection with said radial projection, whereby to lock the cover to the container so as to close off said open top end.

4. A container for containing a liquid substance and which provides protection against a toddler drowning as a result of falling into the container, said container comprising an open top end and a closed bottom end formed by a side wall and a

bottom wall that is integral with the side wall, said bottom wall being characterized by an annular protuberance concentric with said side wall, said annular protuberance having a curved cross-section and constituting a curved extension of said side wall, and said annular protuberance being shaped to make a circular line contact with a flat supporting surface inwardly of said side wall, whereby if a toddler falls head first into the container while the container contains a liquid, the weight of the toddler exerted on the top end of the container will cause the container to tip over so as to spill the liquid and prevent the toddler from drowning.

5. A container according to claim 4 wherein said annular protuberance has a radius of curvature in the order of 2 inches centered eccentric to the longitudinal axis of the container.

6. A container according to claim 4 wherein said side wall is essentially flat and has an outer surface, and a virtual projection of said surface has a diameter of approximately 10.3 inches at the level of the lowermost point of said protuberance, and further wherein said protuberance joins said side wall at level approximately 2.4 inches above said lowermost point.

7. A container according to claim 6 wherein said bottom wall has a center section surrounded by said annular protuberance, and further wherein said protuberance projects about 0.3 inches below said center section.

8. A container according to claim 7 wherein said center section has a maximum diameter of approximately 3 inches.

9. A container according to claim 6 wherein the portion of said annular protuberance that makes said circular line contact with a flat supporting surface is characterized by a diameter of approximately 5 inches.

10. A container according to claim 6 wherein container has a height that is approximately 1.4 times the diameter of the virtual projection of said side wall at the level of the lowermost point of said annular protuberance, and further wherein the portion of said annular protuberance that makes said circular line contact with a flat supporting surface has a diameter that is approximately 0.6 times the diameter of said vital projection of said side wall at the level of the lowermost point of said annular protuberance.

11. A container for containing a liquid substance and which provides protection against a toddler drowning as a result of falling into the container, said container comprising an open top end and a closed bottom end formed by a side wall and a bottom wall that is integral with the side wall, said bottom wall having a curved cross-section at its outer margin whereby said outer margin of said bottom wall constitutes a curved extension of said side wall, said curved extension having a radius of curvature such that should a toddler fall head first into the container while the container contains a liquid, the weight of the toddler exerted on the top end of the container will cause the container to tip over so as to spill the liquid and prevent the toddler from drowning.

12. A container according to claim 11 wherein said bottom wall has as recessed center section.

13. A container according to claim 11 having an overall height measured between said open top end and the level of the lowermost point of said bottom wall that is substantially greater than the maximum outer diameter of said side wall.

14. A container for containing a liquid substance and which provides protection against a toddler drowning as a result of falling into the container, said container having an open top end and a closed bottom end defined by a side wall and a bottom wall formed integral with the side wall, said bottom wall being characterized

by an annular protuberance concentric with said side wall, said annular protuberance having a curved cross-section that is a curved extension of said side wall, and said annular protuberance surrounding a recessed center section of said bottom wall.

15. A container according to claim 14 wherein the effective diameter of said container is approximately 5 inches measured at the lowest point of said annular protuberance.

16. A container according to claim 14 in combination with a cover for closing off said open top end of said container, said cover being characterized by a rim portion and a central body portion surrounded by said rim portion, said rim portion being adapted to make a locking connection with said side wall of said container, and said central body portion being characterized by an annular depression having a curved cross-section such that said annular protuberance of another like container will make a close fit in said depression.

17. A container and cover according to claim 16 wherein said side wall of said container has an outer surface and a circumferential radial projection on said outer surface, and further wherein said rim comprises a top section that projects above the level of said central body portion and a peripheral skirt section that extends below the level of said central body portion, said skirt section having an inner surface and means on said inner surface for making a snap locking connection with said radial projection, whereby to lock the cover to the container so as to close off said open top end.

18. A container and cover according to claim 17 wherein said side wall has a circular configuration in cross-section and further wherein said side wall has a draft angle of approximately 4.5 degrees.

19. A container according to claim 14 wherein when said container is rested on a flat surface with said top end facing up, a portion of said annular protuberance that is furthest from said top end will make a circular line contact with said flat surface, with said circular line contact having a diameter that is approximately 0.6 times the diameter of a virtual projection of said side wall at the level of said portion of said annular protuberance that makes said circular line contact with said flat surface.